

Claims:

1. (Currently amended) A composite board comprising:
 - a foam core having upper and lower surfaces, wherein said foam core is selected from the group consisting of polyisocyanurate having an iso index above 200, ~~and~~ polyurethane having an iso index above 120, and mixtures thereof;
 - a filler material within said foam core selected from the group consisting of rubber-tire vents, EPDM scrap material, plastic chips, polyurethane scrap, polyisocyanurate scrap, scrap rubber from recycled tires, and mixtures thereof; and
 - a facer material applied to one of said surfaces of said foam core, where the facer is selected from the group consisting of polymer materials, reinforced polymer materials, reinforced cellulosic material, paper, aluminum foil and trilaminates thereof.
2. (Previously presented) The composite board of claim 1, wherein said foam core comprises polyisocyanurate.
- 3-4 (Cancelled)
5. (Currently amended) The composite board of claim 1, further comprising a second facer material applied to said other surface of said filled foam core.
6. (Previously presented) The composite board of claim 5, wherein a substrate material is applied to said other surface of said filled foam core in lieu of said facer material.
7. (Previously presented) The composite board of claim 1, wherein a substrate material is applied to one of said surfaces of said filled foam core.
- 8-20 (Cancelled)

21. (Previously presented) The composite board of claim 5, wherein said second facer material is selected from the group consisting of polymer materials, reinforced polymer materials, reinforced cellulosic material, paper, aluminum foil and trilaminates thereof.

22. Cancelled

23. (Previously presented) The composite board of claim 1, where the filler material comprises rubber-tire vents.

24. (Previously presented) The composite board of claim 1, where the filler material comprises EPDM scrap material.

25. (Previously presented) The composite board of claim 1, where the filler material comprises plastic chips.

26. (Previously presented) The composite board of claim 1, where the filler material comprises polyurethane scrap.

27. (Previously presented) The composite board of claim 1, where the filler material comprises polyisocyanurate scrap.

28. (Previously presented) The composite board of claim 1, where the filler material comprises scrap rubber from recycled tires.

29. (Previously presented) The composite board of claim 1, where said foam forms a continuous medium and said filler forms a discontinuous medium, and where said filler is fully dispersed within said foam.

30. (Previously presented) The composite board of claim 29, where the weight ratio of said filler material to said foam core is 1:0.5 to 1:100.

31. (Previously presented) The composite board of claim 1, where the composite board has a thickness of from about 1.2 to about 10.2 cm.

32. (Currently amended) A composite board comprising:

a foam core, where the foam is selected from the group consisting of polyisocyanurate having an iso index above 200, polyurethane having an iso index above 120, and mixtures thereof;

a filler material within said foam core selected from the group consisting of rubber-tire vents, EPDM scrap material, plastic chips, polyurethane scrap, polyisocyanurate scrap, scrap rubber from recycled tires, and mixtures thereof; and

~~a facer material applied to one of said surfaces of said foam core, where the facer is selected from the group consisting of polymer materials, reinforced polymer materials, reinforced cellulosic material, paper, aluminum foil and trilaminates thereof.~~

33. (Previously presented) The composite board of claim 32, where the foam core comprises polyisocyanurate.

34. (Previously presented) The composite board of claim 33, where the polyisocyanurate has an iso index above 200.

35. (Previously presented) The composite board of claim 32, where the foam core comprises polyurethane.

36. (Previously presented) The composite board of claim 35, where the foam core has a iso index above 120.